

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(universal adj resource adj identifiers!) and (URL\$1 with URI\$1) and (search\$3 same expression) and result and engine and proxy and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:00
L2	20	(universal adj resource adj identifier) and (URL\$1 with URI\$1) and (search\$3 same expression) and result and engine and proxy and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:59
L3	1	2 and (universal adj resource adj identifier) with (pars\$3 or decod\$3 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:59
L4	52	(universal adj resource adj identifier) with (pars\$3 or decod\$3 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:00
L5	750	((universal adj resource adj identifier) or URI) with (pars\$3 or decod\$3 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:07
L6	20	5 and (universal adj resource adj identifier) and (URL\$1 and URI\$1) and (search\$3 same expression) and result and engine and proxy and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:01
L7	19	5 and (universal adj resource adj identifier) and (URL\$1 and URI\$1) and (search\$3 same expression) and (search\$3 with result) and engine and proxy and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:01
L8	291	((universal adj resource adj identifier) or URI) near2 (pars\$3 or decod\$3 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:07
L9	142	((universal adj resource adj identifier) or URI) near2 pars\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:08

## EAST Search History

L10	24	9 and "707"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:08
L11	142	((universal adj resource adj identifier) or URI\$1) near2 pars\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:10
L12	24	11 and "707"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:09
L13	49	11 and "709"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:08
L14	37	11 and "715"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:08
L15	2	((universal adj resource adj identifier) or URI\$1) near2 pars\$3) with result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:11
L16	9	((universal adj resource adj identifier) or URI\$1) near2 pars\$3) same result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:11

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18671	((universal adj resporce adj identifier\$1) or URI\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:32
L2	156	1 and ((universal adj resporce adj identifier\$1) or URI\$1) same links! same (web adj page)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:33
L3	85	2 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:38
L4	7	((universal adj resporce adj identifier\$1) or URI\$1) same expression same delimiter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:25
L5	36	3 and search\$3 and engine and proxy and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:33
L6	691	1 and ((web adj page) or webpage) same links!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:31
L7	498	1 and ((web adj page) or webpage) with links!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:51
L8	157	1 and ((web adj page) or webpage) same links! same (URI\$1 or (universal adj resource adj identifier))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:32
L9	16	5 and domain adj name	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 10:34

## EAST Search History

L10	581	1 and (search\$6 or retriev\$4 or extract\$6) near3 ((universal adj resporce adj identifiers!) or URI\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:36
L11	3	10 and (((universal adj resporce adj identifier\$1) or URI\$1) adj20 expression) near9 string	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:37
L12	233	1 and (search\$6) adj9 ((universal adj resporce adj identifiers!) or URI\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:36
L13	16	12 and ((universal adj resporce adj identifier\$1) or URI\$1) adj20 expression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:43
L14	11	13 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:46
L15	8	14 and keyword	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:41
L16	12	12 and ((universal adj resporce adj identifier\$1) or URI\$1) adj20 (term or keyword or expression or pattern or string) with match\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:48
L17	9	16 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:49
L18	90	12 and ((universal adj resporce adj identifier\$1) or URI\$1) adj20 (term or keyword or expression or pattern or string)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50
L19	42	18 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50

## EAST Search History

L20	23	19 and match\$4 and result and proxy and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50
L21	86	12 and ((universal adj resporce adj identifier\$1) or URI\$1) adj20 ((search adj term) or keyword or expression or pattern or string)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50
L22	40	21 and match\$4 and result and proxy and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50
L23	21	22 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:50
L24	19	23 and ((web adj page) or webpage or result) with links!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:51
L25	16	23 and ((web adj pages!) or webpages! or results!) with links!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:52

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18403	((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L2	11	1 and ((search\$6 or extract\$6 or retriev\$7) near4 (((universal adj resource) or URL) adj9 expression))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:11
L3	2	"20050060291".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:08
L4	1	3 and ((universal adj resource) or URL) and expression and identifier and statement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:09
L5	2	3 and (data adj processing) and system and program and product and (medium or storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:10
L6	1	3 and (data adj processing) and system and program and product and (medium or storage) and (code or instruction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:11
L7	25	((search\$6 or extract\$6 or retriev\$7) near4 (((universal adj resource) or URL) adj9 expression))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:15
L8	265	((universal adj resource) or URL) adj9 expression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:21
L9	250	8 and (search\$6 or extract\$6 or retriev\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:16

## EAST Search History

L10	98	9 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:16
L11	40	10 and "707"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:17
L12	55	8 and "707"/3,4,5,6,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:26
L13	1	3 and ((universal adj resource) or URL\$1 or URI\$1) and expression and string	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:29
L14	2701	((search\$3 or retriev\$4 or extract\$6) same ((universal adj resource) or URL\$1 or URI\$1) same (expression or string))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:23
L15	2	3 and ((search\$3 or retriev\$4 or extract\$6) same ((universal adj resource) or URL\$1 or URI\$1) same (expression or string))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:24
L16	1	3 and (search\$3 or retriev\$4 or extract\$6) and proxy and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:25
L17	363	14 and (search\$3 or retriev\$4 or extract\$6) and proxy and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L18	89	17 and "707"/3,4,5,6,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:31
L19	41	18 and match\$3 near4 (expression or string)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:31

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L20	41	19 and result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:26
L21	17	20 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:27
L22	2	3 and ((universal adj resource) or URL\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L23	11283	((universal adj resource) or (URL\$1 and URI\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L24	3207	23 and identifiers!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L25	730	24 and ((web adj page) or webpage) same ((web adj site) or website)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:30
L26	117	25 and (search\$3 or retriev\$4 or extract\$6) and proxy and engine and result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:31
L27	36	26 and match\$3 near4 (expression or string)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:31
L28	7	27 and "707"/3,4,5,6,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:37
L29	1	3 and uniform and universal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:37




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### 1 [Session 6: Customizable description and dynamic discovery for web services](#)



Wooyoung Kim, Alan H. Karp

 May 2004 **Proceedings of the 5th ACM conference on Electronic commerce EC '04**

Publisher: ACM Press

 Full text available: pdf(188.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a framework for developing ontologies suitable for a dynamic environment, such as that for web services, and describe its use in a commercial system for resource discovery. This framework recognizes the importance of standards but allows for evolution in a way that doesn't disrupt those adhering to the standards. The framework is based on the notion of discoverable resources which offer extensibility and security. The specific ontology we use in the system includes some salient features, ...

**Keywords:** ontologies, service description and discovery, web services

### 2 [Electronic document addressing: dealing with change](#)



Helen Ashman

 September 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 3

Publisher: ACM Press

 Full text available: pdf(92.20 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The management of electronic document collections is fundamentally different from the management of paper documents. The ephemeral nature of some electronic documents means that the document address (i.e., reference details of the document) can become incorrect some time after coming into use, resulting in references, such as index entries and hypertext links, failing to correctly address the document they describe. A classic case of invalidated references is on the World Wide Web—link ...

**Keywords:** 404, link, link integrity



### 3 [Putting it together: RDF: weaving the web of discovery](#)



Ralph R. Swick

 June 1999 **netWorker**, Volume 3 Issue 2

Publisher: ACM Press


Full text available:  [pdf\(138.30 KB\)](#) Additional Information: [full citation](#), [citings](#), [index terms](#)  
 [html\(21.20 KB\)](#)

#### 4 [Resource discovery protocol for mobile computing](#)

Charles E. Perkins, Harry Harjono

December 1996 **Mobile Networks and Applications**, Volume 1 Issue 4

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(246.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)


The increasing complexity of modern networks prompts a need for dynamic resource discovery. Mobile clients have the additional need to rediscover the location of local area network resources each time they move to a different LAN. We present a protocol and proposal for the operation of dynamic resource discovery. Our design is simple, extensible, and light weight. We implemented and tested our design with stationary servers, and mobile clients running mobile IP.

#### 5 [Papers from MC<sup>2</sup>R open call: A reflective framework for discovery and interaction in heterogeneous mobile environments](#)

Paul Grace, Gordon S. Blair, Sam Samuel

January 2005 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 9 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(282.60 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

To operate in dynamic and potentially unknown environments a mobile client must first discover the local services that match its requirements, and then interact with these services to obtain the application functionality. However, high levels of heterogeneity characterize mobile environments; that is, contrasting discovery protocols including SLP, UPnP and Jini, and different styles of service interaction paradigms e.g. Remote Procedure Call, Publish-Subscribe and agent based solutions. Therefor ...

#### 6 [Poster: The semantic logger: supporting service building from personal context](#)

Mischa M Tuffield, Antonis Loizou, David Dupplaw

October 2006 **Proceedings of the 3rd ACM workshop on Continuous archival and retrieval of personal experiences CARPE '06**

**Publisher:** ACM Press

Full text available:  [pdf\(216.00 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Semantic Logger<sup>1</sup> (SL) is presented as a system for the importing, housing, and exploiting of personal information. The system has been implemented using a number of Semantic Web enabling technologies, and attempts to store the information in a manner adhering to as many W3C recommendations as possible. The Semantic Logger's utility is grounded in two context-based applications, namely a recommender system, and a photo-annotation tool.

**Keywords:** context, lifelogs, memories for life, multimedia, ontologies, photo annotation, recommender systems, semantic logging, semantic web

#### 7 [Data exchange I: Foundations of semantic web databases](#)

Claudio Gutierrez, Carlos Hurtado, Alberto O. Mendelzon

June 2004 **Proceedings of the twenty-third ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems PODS '04**

**Publisher:** ACM Press

Full text available:  pdf(307.05 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Semantic Web is based on the idea of adding more machine-readable semantics to web information via annotations written in a language called the Resource Description Framework (RDF). RDF resembles a subset of binary first-order logic including the ability to refer to anonymous objects. Its extended version, RDFS, supports reification, typing and inheritance. These features introduce new challenges into the formal study of sets of RDF/RDFS statements and languages for querying them. Although s ...

#### Results 1 - 7 of 7

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+"universal resource identifier" +URL +URI +s:

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[Preferences](#)**Web** Results 1 - 10 of about 255 for +"universal resource identifier" +URL +URI +search +expression +mai

### 3. Basic concepts

The main part is query, the **search expression** as described above; ... that it can be identified with an identifier, an **URI (Universal Resource Identifier)**. ...

[www.dieter.handshake.de/pyprojects/zope/book/chap3.html](http://www.dieter.handshake.de/pyprojects/zope/book/chap3.html) - 259k - [Cached](#) - [Similar pages](#)

### Walnut/Distributed Computing - Erights

In E, the reference to an object can be encoded as a **Universal Resource Identifier string**, known as a **uri** (the familiar **url** of the Web is a type of **uri**). ...

[wiki.erights.org/wiki/Walnut/Distributed\\_Computing](http://wiki.erights.org/wiki/Walnut/Distributed_Computing) - 87k - [Cached](#) - [Similar pages](#)

### Applications of an appliance in a data center - Patent 20050091251

That is, the **expression** node identifiers in the **expression match** the given ... with namespace names identified by a **universal resource identifier (URI)**. ...

[www.freepatentsonline.com/20050091251.html](http://www.freepatentsonline.com/20050091251.html) - 84k - [Cached](#) - [Similar pages](#)

### Internationalized domain name system with iterative conversion ...

The **URI** forwarding agent recited in claim 160 wherein said **URL** forwarding agent ... The procedure is as in the basic system, with the **search expression** ...

[www.freepatentsonline.com/20040044791.html](http://www.freepatentsonline.com/20040044791.html) - 216k - [Cached](#) - [Similar pages](#)

### Acceptable use policy (AUP)

**match** any **string** ending BC except those ending ABC or NBC ... The gopher-based **search engine** that worked with an index of gopher menus around the world. ...

[www.ju.edu.jo/ecourse/cskills1/internet/G.htm](http://www.ju.edu.jo/ecourse/cskills1/internet/G.htm) - 367k - [Cached](#) - [Similar pages](#)

### "Administrator's Guide": iPlanet Web Server User Interface

client-url. Specifies that the runtime **engine** on the server should ... **URI. Universal Resource Identifier**. The location of a resource on the server. ...

[www1.ncaa.org/manual/ag/esapuir3.htm](http://www1.ncaa.org/manual/ag/esapuir3.htm) - 376k - [Cached](#) - [Similar pages](#)

### PDF Report on System Specifications

File Format: PDF/Adobe Acrobat - [View as HTML](#)

confusion with the work to extend the **search engine** inside ... names **match** a given **string**, thus allowing users to **search** for registered users without ...

[indico.sissa.it/docs/SSR.pdf](http://indico.sissa.it/docs/SSR.pdf) - [Similar pages](#)

### Cover Pages: Resource Description Framework (RDF)

"RDF is the **result** of a number of metadata communities (including Dublin Core, PICS, ...

"What incentive do **search engine** companies have for altering their ...

[xml.coverpages.org/rdf.html](http://xml.coverpages.org/rdf.html) - 274k - [Cached](#) - [Similar pages](#)

### "Netscape Enterprise Server Administrator's Guide": Enterprise ...

All entries that equally **match** the **search string** will be returned. ... **URI. Universal Resource Identifier**. The location of a resource on the server. ...

[docs.sun.com/source/816-5654-10/esapuirf.htm](http://docs.sun.com/source/816-5654-10/esapuirf.htm) - 509k - [Cached](#) - [Similar pages](#)

### computer acronyms list

Org {OpenOffice.org} OGRE Object-oriented Graphics Rendering Engine OGSA Open ...

**URI Universal Resource Identifier URI Universal Resource Indicator URL** ...

[personalpages.tds.net/~slambo/realacro.txt](http://personalpages.tds.net/~slambo/realacro.txt) - 275k - [Cached](#) - [Similar pages](#)

[PDF] [Interoperability of Annotation Languages in Semantic Web ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Given R, the set **Result** of all possible indexed **URL** which. are returned by a **search engine** after a query. The set of Desired Results A is defined as the set ...

[www.cs.unibo.it/pub/TR/UBLCS/2006/2006-11.pdf](#) - [Similar pages](#)

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**Web** Results 11 - 20 of about 255 for +"universal resource identifier" +URL +URI +search +expression +m:[5 personal earlsoft co uk stuff acronyms txt](#)

... Regular **Expression**, Print GRX GS Group Separator gsar Generalized **Search** And ...  
**URI Universal Resource Identifier** **URI** Universal Resource Indicator **URL** ...  
personal.earlsoft.co.uk/stuff/acronyms.txt - 199k - [Cached](#) - [Similar pages](#)

[Sun Java Enterprise System Glossary](#)

The process of assigning different robots in the **Search Engine** to index ... A **string expression** used for matching purposes, such as in Allow and Deny ...  
docs.sun.com/source/816-6873/index.html - 472k - [Cached](#) - [Similar pages](#)

[\[doc\] OGSA primer](#)

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These extensions to WSDL 1.1 **match** equivalent functionality agreed to by the ... A GSH is a standard **Universal Resource Identifier (URI)** – it indicates how ...  
https://.../docman.root.working\_drafts.primer\_work\_space/  
doc7901.jsessionid=F6C020BCEA99F63B7B66E196EB9064EB - [Similar pages](#)

[\[doc\] OGSA primer](#)

File Format: Microsoft Word - [View as HTML](#)

A GSH is a standard **Universal Resource Identifier (URI)** – it indicates how to locate ... of all the Services it knows about that **match the search** criteria. ...  
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### 1 [Principled design of the modern Web architecture](#)



Roy T. Fielding, Richard N. Taylor

 May 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2

Publisher: ACM Press

Full text available: pdf(335.47 KB)

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The World Wide Web has succeeded in large part because its software architecture has been designed to meet the needs of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes scalability of component interactions, generality of interfaces, independent deployment of components, and intermediary components to reduce interaction latency, enforce security, and encapsulate legacy systems. In this article we introduce the Representational State Transfer (REST) arc ...

**Keywords:** Network-based applications, REST, World Wide Web

### 2 [Resource discovery protocol for mobile computing](#)

Charles E. Perkins, Harry Harjono

 December 1996 **Mobile Networks and Applications**, Volume 1 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(246.43 KB)

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The increasing complexity of modern networks prompts a need for dynamic resource discovery. Mobile clients have the additional need to rediscover the location of local area network resources each time they move to a different LAN. We present a protocol and proposal for the operation of dynamic resource discovery. Our design is simple, extensible, and light weight. We implemented and tested our design with stationary servers, and mobile clients running mobile IP.

### 3 [Putting it together: RDF: weaving the web of discovery](#)



Ralph R. Swick

 June 1999 **netWorker**, Volume 3 Issue 2

Publisher: ACM Press

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**4** Electronic document addressing: dealing with change

Helen Ashman

September 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 3**Publisher:** ACM PressFull text available: pdf(92.20 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The management of electronic document collections is fundamentally different from the management of paper documents. The ephemeral nature of some electronic documents means that the document address (i.e., reference details of the document) can become incorrect some time after coming into use, resulting in references, such as index entries and hypertext links, failing to correctly address the document they describe. A classic case of invalidated references is on the World Wide Web—lin ...

**Keywords:** 404, link, link integrity**5** Papers from MC<sup>2</sup>R open call: A reflective framework for discovery and interaction in heterogeneous mobile environments

Paul Grace, Gordon S. Blair, Sam Samuel

January 2005 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 9 Issue 1**Publisher:** ACM PressFull text available: pdf(282.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To operate in dynamic and potentially unknown environments a mobile client must first discover the local services that match its requirements, and then interact with these services to obtain the application functionality. However, high levels of heterogeneity characterize mobile environments; that is, contrasting discovery protocols including SLP, UPnP and Jini, and different styles of service interaction paradigms e.g. Remote Procedure Call, Publish-Subscribe and agent based solutions. Therefor ...

**6** Position papers: A delay-tolerant network architecture for challenged internets

Kevin Fall

August 2003 **Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '03****Publisher:** ACM PressFull text available: pdf(100.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The highly successful architecture and protocols of today's Internet may operate poorly in environments characterized by very long delay paths and frequent network partitions. These problems are exacerbated by end nodes with limited power or memory resources. Often deployed in mobile and extreme environments lacking continuous connectivity, many such networks have their own specialized protocols, and do not utilize IP. To achieve interoperability between them, we propose a network architecture a ...

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### ↑ ABSTRACT

The management of electronic document collections is fundamentally different from the management of paper documents. The ephemeral nature of some electronic documents means that the document address (i.e., reference details of the document) can become incorrect some time after coming into use, resulting in references, such as index entries and hypertext links, failing to correctly address the document they describe. A classic case of invalidated references is on the World Wide Web—links that point to a named resource fail when the domain name, file name, or any other aspect of the addressed resource is changed, resulting in the well-known Error 404. Additionally, there are other errors which arise from changes to document collections. This paper surveys the strategies used both in World Wide Web software and other hypertext systems for managing the integrity of references and hence the integrity of links. Some strategies are preventative, not permitting errors to occur; others are corrective, discovering references errors and sometimes attempting to correct them; while the last strategy is adaptive, because references are calculated on a just-in-time basis, according the current state of the document collection.

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#### ↑ INDEX TERMS

##### **Primary Classification:**

H. Information Systems

↳ H.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

##### **General Terms:**

Management, Reliability

##### **Keywords:**

404, link, link integrity

#### ↑ REVIEW

"Claudiu Popescu"

This article analyzes the problem of the integrity of electronic documents, in particular, of Web sites. The main problem is that hyperlinks are frequently changed, producing the well-known Error 404. Based on the stunning fact that the average life of a WWW document is only 50 days, the article

shows that solutions must be found. Link integrity is identified as the main problem. Eleven solutions for link integrity are then discussed. Each solution has its scope and degree of customer satisfaction. Each solution is presented either by examples of systems which implements it or references to papers where it is discussed in depth. The author has tested each solution, mentioning the advantages and drawbacks. I consider very interesting the topic of this paper, about a very critical aspect of today's computer usage. The paper gives a broad and interesting description of problems and solutions. It has also many good references. [\*Online Computing Reviews Service\*](#)

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L2	185	((universal adj resporce adj identifier\$1) or URI\$1) near9 (pars\$6 or decod\$6 or unstring) and search\$6 and result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:18
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L6	4	4 and string and (search adj term) and delimiter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:50
L7	4	6 and domain adj name	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:50
L8	4	7 and web adj page	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:50
L9	4	8 and web adj site	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:50

## EAST Search History

L10	4	9 and result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:51
L11	4	10 and link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:50
L12	2	11 and search adj result	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:51
L13	2	12 and proxy and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:53
L14	2	13 and search\$6 and (retriev\$3 or extract\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:53
L15	2	13 and search\$6 and (retriev\$3 or extract\$7) and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:53
L16	2	13 and search\$6 and (retriev\$3 or extract\$7) and interface and input\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:53